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FORM PTO 948, REV. 11-87 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Application No.

126330

NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

The drawing filed (insert date) 7/31/98 are

A ☐ not objected to by the Draftperson under 37 CFR 1.84 or 1.152.

B ☒ objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings, if necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS 37 CFR 1.84(a): Acceptable categories of drawings
 - Black ink. Color
 - ☐ Color drawing are not acceptable until petition is granted.
 - Fig(s) _____
 - ☐ Pencil and non black ink is not permitted. Fig(s) _____
2. PHOTOGRAPHS 37 CFR 1.84(b)
 - ☐ Photographs are not acceptable until petition is granted.
 - ☐ 3 full-tone sets are required. Fig(s) _____
 - ☐ Photographs not properly mounted (must be physical and/or photographic double-weight paper). Fig(s) _____
 - ☐ Poor quality (half-tone). Fig(s) _____
3. TYPE OF PAPER 37 CFR 1.84(c)
 - ☐ Paper not flexible, strong, white and durable. Fig(s) _____
 - ☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable (too thin).
 - ☐ Mylar, vellum paper not acceptable (too thin). Fig(s) _____
4. SIZE OF PAPER 37 CFR 1.84(f): Acceptable sizes
 - ☐ 21.0 cm by 29.7 cm (DIN size A4).
 - ☐ 21.6 cm by 27.9 cm (8 1/2 x 11 inches).
 - ☐ All drawings sheets not the same size.
 - Sheet(s) _____
5. MARGINS 37 CFR 1.84(g): Acceptable margins
 - Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 - SIZE: A4 Size
 - Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 - SIZE: 8 1/2 x 11
 - ☐ Margins not acceptable. Fig(s) _____
 - Top (T) _____ Left (L) _____
 - Right (R) _____ Bottom (B) _____
6. VIEWS 37 CFR 1.84(h)

REMARK: Specification may require revision to correspond to drawing changes.

 - ☐ Views connected by projection lines or lead lines. Fig(s) _____
 - Partial view 37 CFR 1.84(h)(2)
 - ☐ Brackets needed to show figure as one-half. Fig(s) _____
 - ☐ Views not labeled separately or properly. Fig(s) _____
 - ☐ Enlarged view not labeled separately or properly. Fig(s) _____
7. SECTIONAL VIEWS 37 CFR 1.84(h)(3)
 - ☐ Hatching not indicated for sectional portions of an object. Fig(s) _____
 - ☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____
8. ARRANGEMENT OF VIEWS 37 CFR 1.84(i)
 - ☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig(s) _____
 - ☐ Views not on the same plane on drawing sheet. Fig(s) _____
 - ☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
9. CHARACTER OF LINES, NUMBERS, & LETTERS 37 CFR 1.84(j)
 - ☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable and black (poor line quality). Fig(s) 1-28
10. SHADING 37 CFR 1.84(m)
 - ☐ Solid black areas pale. Fig(s) _____
 - ☒ Solid black shading not permitted. Fig(s) _____
 - ☐ Shade lines pale, rough and blurred. Fig(s) _____
11. NUMBERS, LETTERS, & REFERENCE CHARACTERS 37 CFR 1.84(p)
 - ☐ Numbers and reference characters not plain and legible. Fig(s) _____
 - ☐ Figure legends are poor. Fig(s) _____
 - ☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig(s) _____
 - ☐ English alphabet not used. 37 CFR 1.84(p)(3) Fig(s) _____
 - ☒ Numbers, letters and reference characters must be at least 32 cm (1.25 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____
12. LEAD LINES 37 CFR 1.84(q)
 - ☐ Lead lines cross each other. Fig(s) _____
 - ☐ Lead lines missing. Fig(s) _____
13. NUMBERING OF SHEETS OF DRAWINGS 37 CFR 1.84(r)
 - ☐ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) _____
14. NUMBERING OF VIEWS 37 CFR 1.84(s)
 - ☐ Views not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) _____
15. CORRECTIONS 37 CFR 1.84(w)
 - ☐ Corrections not made from PTO 948 dated _____
16. DESIGN DRAWINGS 37 CFR 1.152
 - ☐ Surface shading shown not appropriate. Fig(s) _____
 - ☐ Solid black shading not used for color contrast. Fig(s) _____

COMMENTS

Fig. poor

REVIEWER

DATE

TELEPHONE

ATTACHMENT TO PAPER NO.

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